
Product Data Sheet

Product Name: Bartonella SucB

Cat. No.: GP22822

Batch No.: 1

Product Data

Purity >98%

Source Escherichia Coli.

Physical
Appearance solid

Shipping
Condition Shipped with Ice Packs.

Formulation Bartonella SucB is supplied at a 20mM HEPES buffer pH-7.6, 150mM NaCl and 40% Sucrose (w/v).

Introduction

Numerous forms of Bartonellosis are caused by Bartonella henselae as well as Cat Scratch Disease & Bacillary Angiomatosis. It has been found that up to 95% of patients with Cat Scratch Disease show antibodies against Bartonella henselae antigens. Highly immunoreactive proteins which are produced by the Bartonella henselae are the most important antigens used for the diagnosis of Cat Scratch Disease. The immunogenic protein dihydrolipoamide-succinyltransferase also named SucB is an enzyme of the alpha-ketoglutarate dehydrogenase complex, which catalyzes the transport of a succinyl group from the S-succinyl dihydrolipoyl moiety to coenzyme A.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

Recombinant Bartonella Henselae SucB produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 45kDa. Bartonella SucB is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA